1.

#include <stdio.h>

int bracket(char\* s) {

int i = 0, j = 0;

while (\*s) {

if (\*s == '(') i++;

else if (\*s == ')') j++;

if (j > i) return 0;

s++;

}

if (i == j) return 1;

else return 0;

}

int main() {

char\* s1 = ")((s+3)";

printf("%d\n", bracket(s1));

return 0;

}

2.

#include <stdio.h>

#include <math.h>

int atoi(char\* s) {

int len = 0;

while (s[len] != 0) len++;

int value = 0, i = 1;

while (\*s) {

if (\*s < '0' || \*s > '9') return -1;

else value += (((int)\*s - '0') \* pow(10, (len - i)));

i++;

s++;

}

return value;

}

int main() {

char\* s1 = "9821";

printf("%d\n", atoi(s1));

return 0;

}